

IN THE CLAIMS

Claim 1 (currently amended):

1. A method for making an optical fiber, comprising the steps of:
providing an optical fiber preform having a longitudinal axis;
heating at least a portion of the optical fiber preform in a heat source as
the optical fiber preform passes therethrough;
rotating the optical fiber preform about its longitudinal axis ~~and with~~
~~respect relative~~ to the heat source ~~at a rotation rate that is less than~~
~~approximately 600 revolutions per minute (rpm); and~~
drawing an optical fiber from the heated, ~~rotated~~ optical fiber preform; and
spinning the optical fiber as it is being drawn from the heated optical fiber
preform.

Claim 2 (canceled)

Claim 3 (currently amended):

3. The method as recited in claim 1, wherein the ~~rotating step rotates the~~
~~optical fiber preform about its longitudinal axis and with respect to the heat~~
~~source at a constant rate of~~ relative rotation is constant.

Claim 4 (canceled)

Claim 5 (currently amended):

5. The method as recited in claim 1, wherein the ~~rotating step rotates the~~
~~optical fiber preform about its longitudinal axis and with respect to the heat~~
~~source in a first direction of~~ relative rotation is unidirectional.

Claim 6 (canceled)

Claim 7 (currently amended):

7. The method as recited in claim 1, wherein the ~~rotating step further comprises the steps of maintaining the~~ heat source is maintained rotationally stationary and ~~rotating the~~ optical fiber preform is rotated about its longitudinal axis.

Claim 8 (currently amended):

8. ~~A method for making an optical fiber, comprising the steps of:
providing an optical fiber preform having a longitudinal axis;
heating at least a portion of the optical fiber preform in a heat source as
the optical fiber preform passes therethrough;~~

The method as recited in claim 1, wherein maintaining the optical fiber preform is maintained rotationally stationary [[:]] and
~~rotating the~~ heat source is rotated about the longitudinal axis of the optical fiber preform.

Claim 9 (canceled)

Claim 10 (original):

10. The method as recited in claim 1, wherein the optical fiber has a PMD coefficient less than approximately $0.2 \text{ picoseconds}/(\text{kilometer})^{1/2}$.

Claim 11 (currently amended):

11. The method as recited in claim 1, wherein the heat source ~~further~~ comprises a furnace.

Claims 12-21 (canceled)